

CLAIMS:

1. A process for the distribution of video sequences according to a nominal stream format intended to describe a plurality of audiovisual scenes, each scene being constituted by a plurality of hierarchical audiovisual objects and by a describer of this hierarchy and spatial and temporal relationships between these objects with each video object comprising at least one digital plane P, characterized in that an analysis of the stream is carried out before the transmission to the client equipment in order to generate a first modified stream presenting the format of a nominal stream and whose planes P, B or S (GMC) contain macroblocks of which all or part of the values of the movement vectors were modified, and to generate a second stream with any format, comprising digital information suitable for permitting the reconstruction of these modified planes, that the two streams generated in this manner are then transmitted separately from the server to the addressed equipment and that a synthesis of a stream to the nominal format is calculated on the addressed equipment as a function of this first stream and of this second stream.

2. A process for the distribution of video sequences according to Claim 1, characterized in that the format of the nominal stream is defined by the MPEG-4 norm.

3. A process for the distribution of video sequences according to one of the previous claims, characterized in that this first modified stream presents planes P, B or S (GMC) of which all or a part of the movement vectors were modified by the substitution of certain values of the movement vectors by values of the same nature but random and that this second stream comprises the values of the substituted movement vectors and digital information suitable for allowing the reconstruction of these modified planes.

4. A process for the distribution of video sequences according to one of the previous claims, characterized in that this analysis decides the values of the movement vectors to be modified as a function of the desired size for this second stream and of the degradation desired for this modified first stream.

5. A process for the distribution of video sequences according to one of the previous claims, characterized in that the transmission of this first stream is realized via a broadband network (cable, satellite, digital microwave, fiber-optic, DSL (digital subscriber line), BLR (local radio loop) or DAB (digital audio broadcasting)).

6. A process for the distribution of video sequences according to one of the previous claims, characterized in that the transmission of this second stream is realized via a switched telephone network (analog or digital RTC) or via a network of the DSL (digital subscriber line) type or via a BLR (local radio loop) or via a mobile telephone network using the GMS, GPRS or UMTS norms.

7. A process for the distribution of video sequences according to one of the previous claims, characterized in that the transmission of this second stream is realized via a support material distributed physically (flash memory card, smart card).

8. Equipment for the production of a video stream for carrying out the process according to one of the previous claims, comprising at least one multimedia containing the original video sequences and characterized in that it comprises a device for analyzing the video stream coming from this server in order to generate the two streams.

9. A system for transmitting a video stream according to Claims 1 to 8, characterized in that it comprises equipment for producing a video stream, at least one piece of equipment for using a video stream, and at least one communication network between the production equipment and the piece(s) of equipment for use.